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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/057,753

DATE: 04/24/2002
TIME: 14:30:45

Input Set : A:\Sequence Diskette.txt
Output Set: N:\CRF3\04242002\J057753.raw

ENTERED

SEQUENCE LISTING

8 (1) GENERAL INFORMATION:
9 (i) APPLICANT: Bavykin, Sergei
10 Mirzabekov, Andrei
12 (ii) TITLE OF INVENTION: METHOD FOR LABELING DNA AND RNA
13 (iii) NUMBER OF SEQUENCES: 12
14 (iv) CORRESPONDENCE ADDRESS:
15 (A) ADDRESSEE: CHERSKOV & FLAYNIK
16 (B) STREET: 20 N. Wacker Drive
17 (C) CITY: Chicago
18 (D) STATE: Illinois
19 (E) COUNTRY: United States
20 (F) ZIP: 60606
21 (v) COMPUTER READABLE FORM:
22 (A) MEDIUM TYPE: 3.50 inch, 1.4 MB storage
23 (B) COMPUTER: PC
24 (C) OPERATING SYSTEM: Microsoft Windows 98
25 (D) SOFTWARE: Wordperfect
26 (vi) CURRENT APPLICATION DATA:
C--> 27 (A) APPLICATION NUMBER: US/10/057,753
C--> 28 (B) FILING DATE: 23-Jan-2002
29 (viii) ATTORNEY/AGENT INFORMATION:
30 (A) NAME: Cherskov, Michael J.
31 (B) REGISTRATION NUMBER: 33,664
32 (C) REFERENCE/DOCKET NUMBER: 0003/00034
33 (ix) TELECOMMUNICATION INFORMATION:
34 (A) TELEPHONE: (312) 621-1330
35 (B) TELEFAX: (312) 621-0088
38 (2) INFORMATION FOR SEQ ID NO: 1:
39 (i) SEQUENCE CHARACTERISTICS:
40 (A) LENGTH: 17 bases
41 (B) TYPE: nucleic acid
W--> 42 (C) STRANDEDNESS: Not Applicable
43 (D) TOPOLOGY: linear
44 (ii) MOLECULE TYPE: Genomic DNA
45 (iii) HYPOTHETICAL: yes
46 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
48 ACG GGC GGT GTG TRC AA 17
51 (2) INFORMATION FOR SEQ ID NO: 2:
52 (i) SEQUENCE CHARACTERISTICS:
53 (A) LENGTH: 18 bases
54 (B) TYPE: nucleic acid
W--> 55 (C) STRANDEDNESS: Not Applicable

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```
56         (D) TOPOLOGY: linear
57     (ii) MOLECULE TYPE: Genomic DNA
58     (iii) HYPOTHETICAL: yes
59     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
61 GWA TTA CCG CGG CKG CTG 18
63 (2) INFORMATION FOR SEQ ID NO: 3:
64     (i) SEQUENCE CHARACTERISTICS:
65         (A) LENGTH: 18 bases
66         (B) TYPE: nucleic acid
W--> 67     (C) STRANDEDNESS: Not Applicable
68         (D) TOPOLOGY: linear
69     (ii) MOLECULE TYPE: Genomic DNA
70     (iii) HYPOTHETICAL: yes
71     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
73 TGC CTC CCG TAG GAG TCT 18
75 (2) INFORMATION FOR SEQ ID NO: 4:
76     (i) SEQUENCE CHARACTERISTICS:
77         (A) LENGTH: 17 bases
78         (B) TYPE: nucleic acid
W--> 79     (C) STRANDEDNESS: Not Applicable
80         (D) TOPOLOGY: linear
81     (ii) MOLECULE TYPE: Genomic DNA
82     (iii) HYPOTHETICAL: yes
83     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
85 ACC GCT TGT GCG GGC CC 17
87 (2) INFORMATION FOR SEQ ID NO: 5:
88     (i) SEQUENCE CHARACTERISTICS:
89         (A) LENGTH: 20 bases
90         (B) TYPE: nucleic acid
W--> 91     (C) STRANDEDNESS: Not Applicable
92         (D) TOPOLOGY: linear
93     (ii) MOLECULE TYPE: Genomic DNA
94     (iii) HYPOTHETICAL: yes
95     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
97 CGA AGC CGC CTT TCA ATT TC 20
99 (2) INFORMATION FOR SEQ ID NO: 6:
100    (i) SEQUENCE CHARACTERISTICS:
101        (A) LENGTH: 20 bases
102        (B) TYPE: nucleic acid
W--> 103    (C) STRANDEDNESS: Not Applicable
104        (D) TOPOLOGY: linear
105    (ii) MOLECULE TYPE: Genomic DNA
106    (iii) HYPOTHETICAL: yes
107    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
109 CAA CTA GCA CTT GTT CTT CC 20
111 (2) INFORMATION FOR SEQ ID NO: 7:
112    (i) SEQUENCE CHARACTERISTICS:
113        (A) LENGTH: 20 bases
114        (B) TYPE: nucleic acid
```

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```
W--> 115      (C) STRANDEDNESS: Not Applicable
116      (D) TOPOLOGY: linear
117      (ii) MOLECULE TYPE: Genomic DNA
118      (iii) HYPOTHETICAL: yes
119      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
121 TGT CAC TCT GCT CCC GAA GG 20
123 (2) INFORMATION FOR SEQ ID NO: 8
124      (i) SEQUENCE CHARACTERISTICS:
125          (A) LENGTH: 20 bases
126          (B) TYPE: nucleic acid
W--> 127      (C) STRANDEDNESS: Not Applicable
128      (D) TOPOLOGY: linear
129      (ii) MOLECULE TYPE: Genomic DNA
130      (iii) HYPOTHETICAL: yes
131      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
133 CGG TCT TGC AGC TCT TTG TA 20
135 (2) INFORMATION FOR SEQ ID NO: 9:
136      (i) SEQUENCE CHARACTERISTICS:
137          (A) LENGTH: 23 bases
138          (B) TYPE: nucleic acid
W--> 139      (C) STRANDEDNESS: Not Applicable
140      (D) TOPOLOGY: linear
141      (ii) MOLECULE TYPE: Genomic DNA
142      (iii) HYPOTHETICAL: yes
143      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
145 ATG CGG TTC AAA ATG TTA TCC GG 23
147 (2) INFORMATION FOR SEQ ID NO: 10:
148      (i) SEQUENCE CHARACTERISTICS:
149          (A) LENGTH: 20 bases
150          (B) TYPE: nucleic acid
W--> 151      (C) STRANDEDNESS: Not Applicable
152      (D) TOPOLOGY: linear
153      (ii) MOLECULE TYPE: Genomic DNA
154      (iii) HYPOTHETICAL: yes
155      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
157 TTC GAA CCA TGC GGT TCA AA 20
159 (2) INFORMATION FOR SEQ ID NO: 11:
160      (i) SEQUENCE CHARACTERISTICS:
161          (A) LENGTH: 20 bases
162          (B) TYPE: nucleic acid
W--> 163      (C) STRANDEDNESS: Not Applicable
164      (D) TOPOLOGY: linear
165      (ii) MOLECULE TYPE: Genomic DNA
166      (iii) HYPOTHETICAL: yes
167      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
169 TTC GAA CTA TGC AGT TCA AA 20
171 (2) INFORMATION FOR SEQ ID NO: 12:
172      (i) SEQUENCE CHARACTERISTICS:
173          (A) LENGTH: 23 bases
```

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174 (B) TYPE: nucleic acid
W--> 175 (C) STRANDEDNESS: Not Applicable
176 (D) TOPOLOGY: linear
177 (ii) MOLECULE TYPE: Genomic DNA
178 (iii) HYPOTHETICAL: yes
179 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
181 CAA TTT CGA ACT ATG CAG TTC AA 23

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/057,753

DATE: 04/24/2002

TIME: 14:30:46

Input Set : A:\Sequence Diskette.txt

Output Set: N:\CRF3\04242002\J057753.raw

L:27 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:28 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:42 M:246 W: Invalid value of Alpha Sequence Header Field, [STRANDEDNESS:], SeqNo=1
L:55 M:246 W: Invalid value of Alpha Sequence Header Field, [STRANDEDNESS:], SeqNo=2
L:67 M:246 W: Invalid value of Alpha Sequence Header Field, [STRANDEDNESS:], SeqNo=3
L:79 M:246 W: Invalid value of Alpha Sequence Header Field, [STRANDEDNESS:], SeqNo=4
L:91 M:246 W: Invalid value of Alpha Sequence Header Field, [STRANDEDNESS:], SeqNo=5
L:103 M:246 W: Invalid value of Alpha Sequence Header Field, [STRANDEDNESS:], SeqNo=6
L:115 M:246 W: Invalid value of Alpha Sequence Header Field, [STRANDEDNESS:], SeqNo=7
L:127 M:246 W: Invalid value of Alpha Sequence Header Field, [STRANDEDNESS:], SeqNo=8
L:139 M:246 W: Invalid value of Alpha Sequence Header Field, [STRANDEDNESS:], SeqNo=9
L:151 M:246 W: Invalid value of Alpha Sequence Header Field, [STRANDEDNESS:], SeqNo=10
L:163 M:246 W: Invalid value of Alpha Sequence Header Field, [STRANDEDNESS:], SeqNo=11
L:175 M:246 W: Invalid value of Alpha Sequence Header Field, [STRANDEDNESS:], SeqNo=12